

Research – Resources – Report

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www.nd.gov/dpi/SchoolStaff/FTP/Resources/News_Pubs/

Mission: To gather and share current research and resources with educators.

☞ STEM 101: Intro to Tomorrow's Jobs

The United States Bureau of Labor and Statistics projects overall STEM employment to grow about 13% between 2012 and 2022. This is faster than the 11% rate of growth projected for all occupations over the decade, however projected employment growth varies by occupation. Knowing which occupations are projected to have the most job openings and fastest growth may help narrow career options.

www.stemedcoalition.org/wp-content/uploads/2010/05/BLS-STEM-Jobs-report-spring-2014.pdf

☞ What Principals and Administrators Can Do to Ready Their Schools to Support Kindergarten Transitions

Education Northwest released a white paper looking at what research tells us in five specific—and sometimes overlapping—areas on which principals and other administrators can focus to support smoother kindergarten transitions. The accompanying "tips" handout includes practical strategies that education leaders can use at school, with families, and in the community to help ease the transition into kindergarten and the early grades.

<http://educationnorthwest.org/sites/default/files/resources/white-paper-k-transitions.pdf>

☞ Seven Classroom Structures that Support Student Relationships

Research indicates that a positive teacher-student relationship is one of the top protective factors in reducing students participating in at-risk behaviors. Relationships are not incidental; they are central to what happens in the classroom. An article by Jonte'C. Taylor published by ASCD outlines seven classroom structures that support this relationship.

www.ascd.org/ascd-express/vol11/1111-taylor.aspx

☞ How Harnessing the Positive Side of Stress Can Change Student Mindsets

Carol Dweck's work on growth mindset and its power to help people view challenges as opportunities to improve has helped many students understand their beliefs about themselves. When empowered with the understanding that intelligence is malleable, students can develop how they approach school and life. But the revelations around mindsets don't end there — they apply to other areas of education, including how students view and react to stress.

<http://ww2.kqed.org/mindshift/2016/02/24/what-harnessing-the-positive-side-of-stress-can-do-for-students/>